



Front



Rear (assembled)



Torsion grille presents a clean appearance with contoured edge, an attractive solution when specifications require ceiling speakers to be void of visible mounting hardware. Welded studs and spring-loaded torsion brackets mount into receptacles welded into specified enclosures (order separately). The grille is ideal for upscale offices, hotels, airports, retail spaces, professional buildings, and dining establishments.

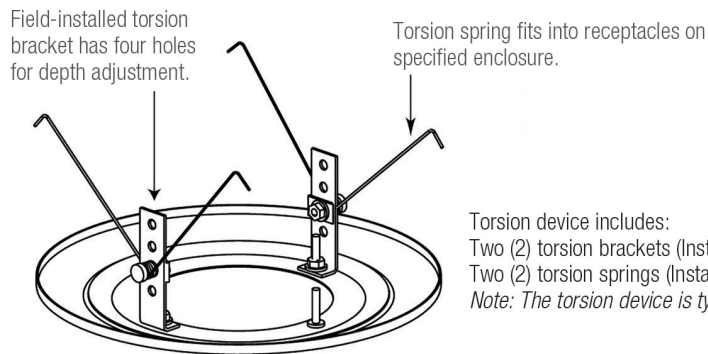
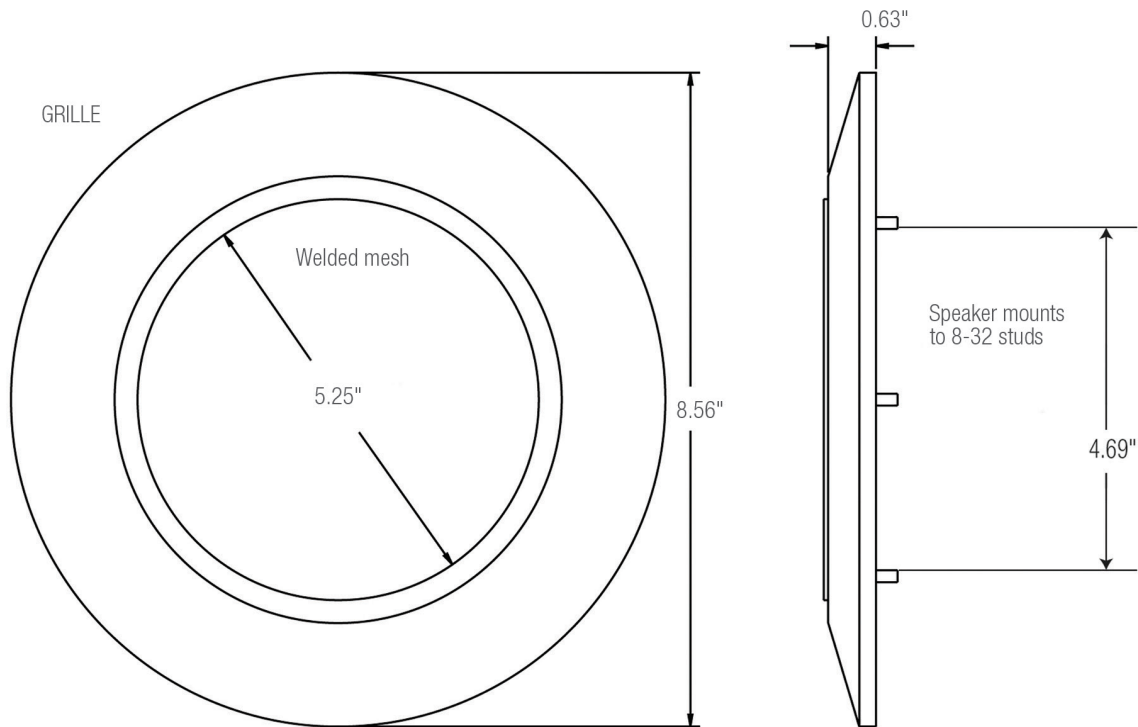
FEATURES:

- **Construction:** 20-gauge steel outer ring with a welded steel mesh center, an inner ring with speaker studs, and white powder epoxy finish.
- **Overall Dimensions:** 8.56" dia.
- **Mounting Projection:** 0.63"
- **Speaker Stud Circle:** 4.69" diameter
- **Country of Origin:** Made in USA with certified US steel
- **Hardware (included):**
 - (4) 8-32 x 3/4" welded studs with nuts to mount a speaker
 - (2) Easy-install torsion brackets with spring devices allow the speaker/grille assembly to mount to torsion receptacles in compatible enclosures. Includes shoulder bolts/clips to install the two spring devices (select 1 of 4 bracket holes for depth adjustment).
- **Installation:** Torsion assemblies are made to support a speaker/transformer weight up to 3.5 lbs. Place the speaker/xfmr assembly on the grille's welded studs, then place the two torsion devices on studs (opposite each other). Attach the speaker and torsion devices with the nuts provided.
- **A&E Specifications:** The grille with welded studs and nuts to mount a 4" (EIA 5") speaker shall be Lowell model CN-4M, which shall mount with no visible screws or hardware and be adjustable to accommodate varied ceiling depths. The outer ring shall be fabricated from 20-gauge steel and have a welded steel mesh center and white powder epoxy finish. The diameter shall be 8.56" with a shallow mounting projection of 0.63". The assembly shall include torsion bracket/spring devices and installation accessories to mount a speaker/grille assembly weighing up to 3.5 lbs. to the specified enclosure.

COMPATIBLE COMPONENTS (order separately):

Note: Grilles are designed to work with speakers, enclosures, and mounting accessories listed on this specification sheet. Using the grille to install speakers without a metal enclosure may not meet the requirements of all local and national electrical and building codes. The installer should request approval of the installation method from the Authority Having Jurisdiction (AHJ) before installing the speaker system.

Application	Speaker	Enclosure	Mounting Aids
RECESSED in Tile Ceiling with enclosure	4" (EIA 5")	DX104T	LBS4-DX (t-bridge)
RECESSED Before Drywall Installed with enclosure	4" (EIA 5")	DX104T	SS Series (rails)



Torsion device includes:
 Two (2) torsion brackets (Installs to speaker studs with 8-32 nut)
 Two (2) torsion springs (Installs to bracket with shoulder bolt/clip)
 Note: The torsion device is typically installed after the driver is mounted.

WARNING! *Speaker installation should only be performed by experienced qualified professionals with knowledge of load-rated hardware and safe installation, mounting, and rigging techniques. Improperly installed equipment can result in property damage, personal injury, death, and/or liability to the installing contractor. The speaker system must be mounted in accordance with all local, state, and federal codes and regulations and the installation must conform to industry standard practices. It is the responsibility of the installer to furnish all installation hardware, rigging hardware, and safety or restraint cables to be used. Before installation, it is the responsibility of the installer to consult a licensed mechanical or structural engineer to evaluate and certify the structural integrity and safety of any mounting method and the suitability of that method to be used to mount the loudspeaker to the building structure in this particular installation. Lowell Manufacturing is not responsible for the use, misuse, misapplication, or unsafe installation of this loudspeaker product.*

